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PATENT
(FWC of Enz.1 Div.II/
FWC of 1280-4014US3)
Docket No. 1280-4014US5

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Ward et al.

FWC of Serial
No. 07/130,097

Group Art Unit : 183

Examiner
in Parent Appln : L. Crane

Filed : February 25, 1992

For : MODIFIED NUCLEOTIDES AND METHODS OF USING SAME

Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §§ 1.56 and 1.97 Applicants make of record in this application documents made of record and provided to the Examiner in the parent applications hereto: U.S. Application Serial No. 496,915, issued as United States patent 4, 711,955 December 8, 1987 and U.S. Application Serial No. 07/130,097, of which this application is a file wrapper continuation application.

Applicants also make of record in this application the following two new references: (1) Lee et al., "8-(6-Aminohexyl)-Amino-Adenine Nucleotide Derivatives for Affinity Chromatography", Arch. Bioch. Biophys. 163:561-569 (1974) and (2) Kourilsky et al., "Method of Detecting and Characterizing a Nucleic Acid or Reactant for the Application of this Method", U.S. Patent No. 4,581,333,

issued April 8, 1986; priority date April 13, 1978 (France).

Pursuant to 37 C.F.R. § 1.98 a copy of the two newly cited references discussed herein accompany this statement.

In accordance with M.P.E.P. § 609, Applicants also submit herewith form PTO-1449 listing the two new references discussed in this statement. For the convenience of the Examiner, this Form 1449 lists all documents made of record in this application.

It is respectfully requested that these documents: (i) be fully considered by the Examiner during the examination of this application, (ii) be listed on any Notice of Documents Cited issued in this application and (iii) be printed on any patent which may issue from this application.

The Cited Documents

(1) Lee et al., "8-(6-Aminohexyl)-Amino-Adenine Nucleotide Derivatives for Affinity Chromatography", Arch. Bioch. Biophys. 163:561-569 (1974) describe the attachment of a linker group to the 8-position of a purine for coupling to Sepharose for use in affinity columns. Lee et al. do not disclose or suggest the use of the linker group for labeling of nucleotides.

(2) Kourilsky et al., "Method of Detecting and Characterizing a Nucleic Acid or Reactant for the Application of this Method", U.S. Patent No. 4,581,333, issued April 8, 1986; priority date April 13, 1978 (France), is a U.S. Patent corresponding to United Kingdom Patent 2,019,408, which is already

of record in parent application 07/130,097 and is, therefore, cumulative.

By this voluntary citation of art, it is wished to make of record references which are known to the Applicants and/or the undersigned.


The above citation of references is not a representation that these references constitute a complete or exhaustive listing or that the above listing necessarily includes the closest or most relevant references, nor are the cited references necessarily a complete listing of all references known to Applicants or their attorney. It is simply a voluntary citation of references made in good faith, which is not intended to serve in any way as a substitute for the Examiner's own search.

In view of the general and specific features described and claimed in the present application, Applicants respectfully submit that the present invention is neither suggested or disclosed by the publications referred to above and is thus patentably distinct thereover.

Applicants respectfully request allowance of all claims
of this application.

Respectfully submitted,
MORGAN & FINNEGAN

Date: February 26, 1992


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